

# Ofer Sinai

## List of Publications by Year in descending order

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16  
papers

641  
citations

933447

10  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1408  
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene Schottky Varactor Diodes for High-Performance Photodetection. ACS Photonics, 2019, 6, 1910-1915.	6.6	11
2	Lithographically Patterned Functional Polymer-Graphene Hybrids for Nanoscale Electronics. ACS Nano, 2018, 12, 1928-1933.	14.6	10
3	Effect of Internal Heteroatoms on Level Alignment at Metal/Molecular Monolayer/Si Interfaces. Journal of Physical Chemistry C, 2018, 122, 3312-3325.	3.1	7
4	Air-Stable Room-Temperature Mid-Infrared Photodetectors Based on hBN/Black Arsenic Phosphorus/hBN Heterostructures. Nano Letters, 2018, 18, 3172-3179.	9.1	145
5	Growth of InGaAs/GaAsSb type II superlattice for eSWIR photodetector using MOCVD. Infrared Physics and Technology, 2018, 95, 199-202.	2.9	4
6	Growth Mechanisms and Electronic Properties of Vertically Aligned MoS <sub>2</sub> . Scientific Reports, 2018, 8, 16480.	3.3	28
7	Vapour transport deposition of fluorographene oxide films and electro-optical device applications. Applied Materials Today, 2018, 13, 387-395.	4.3	9
8	Widely tunable black phosphorus mid-infrared photodetector. Nature Communications, 2017, 8, 1672.	12.8	283
9	Controlling oxide surface dipole and reactivity with intrinsic nonstoichiometric epitaxial reconstructions. Physical Review B, 2015, 92, .	3.2	14
10	Multiscale approach to the electronic structure of doped semiconductor surfaces. Physical Review B, 2015, 91, .	3.2	29
11	Effect of binding group on hybridization across the silicon/aromatic-monolayer interface. Journal of Electron Spectroscopy and Related Phenomena, 2015, 204, 149-158.	1.7	8
12	Effect of Doping Density on the Charge Rearrangement and Interface Dipole at the Molecule-Silicon Interface. Journal of Physical Chemistry C, 2013, 117, 22422-22427.	3.1	13
13	Simulated doping of Si from first principles using pseudoatoms. Physical Review B, 2013, 87, .	3.2	16
14	Role of Backbone Charge Rearrangement in the Bond-Dipole and Work Function of Molecular Monolayers. Journal of Physical Chemistry C, 2011, 115, 24888-24892.	3.1	31
15	Organics@metals as the Basis for a Silver/Doped-Silver Electrochemical Cell. Chemistry of Materials, 2011, 23, 3289-3295.	6.7	16
16	Electrolytical Entrapment of Organic Molecules within Metals. Journal of Physical Chemistry B, 2009, 113, 13901-13909.	2.6	17